



TERRASEEDING™

ORGANIC Soil Amendment and Seed Cover Establishment

1.0 DESCRIPTION: This work shall consist of furnishing, constructing and maintaining a new vegetated surface composed of an organic growing media injected with seed. This surface must be constructed with a pneumatic blower unit complete with a supplemental granular injection system capable of installing at least 15 cubic meters per hour.

2.0 MATERIAL: The material shall consist of composted materials, according to certain particle sizing specifications.

2.1. Particle size - 99% passing through a 25mm sieve.

2.2. Organic Soil - The amendment shall be derived from 100% well-decomposed green waste organic matter produced by composting sites who meet or exceed MOE Compost Regulation 101 as well as meeting the Canadian Council of Ministers of the Environment's (CCME) definition for Type "A" Compost (See "Support Document for Compost Quality Criteria", CCME).

2.3. Quality Assurance - A proof of compost quality meeting CCME guidelines by an approved laboratory shall be submitted to the engineer/landscape architect for approval prior to installation.

3.0 APPLICATION:

3.1. The application shall be placed as shown on the plans or as directed by the Engineer.

3.2. The application shall be uniformly applied directly at the soil surface with a pneumatic blower. It shall be applied at a minimum depth of 25 mm. In extreme conditions and where specified by the Engineer, compost filter berms shall be added around the perimeter for silt retention if necessary. (The Engineer shall specify berm requirements)

3.3. Application depth may be modified based on specific site (e.g., soil characteristics, existing vegetation) and climatic conditions, as well as particular project related requirements.

3.4. For vegetative cover the composted material may be injected with seed during application with an approved supplemental granular injection system. The Engineer/Landscape Architect shall specify seed and the organic soil component shall abide by the minimum standards required for seed establishment.

3.5. Areas must be set to grade and all large clods, rocks, stumps, roots larger than 50 mm in diameter must be removed. This soil preparation step may be eliminated where approved by the Project Engineer or Landscape Architect/Designer. Where practical, track (compact) perpendicular to contours using a bulldozer before applying the compost injected with seed.

3.6. NOT FOR USE in areas of concentrated flow.

3.7. Unless otherwise allowed by Engineer, seeding shall be performed within the local region's seeding deadlines.

4.0 MAINTENANCE:

4.1. The Contractor shall maintain the surface in a functional condition for a period of one year. Contractor shall make periodic inspections of the composted surface for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional material shall be installed immediately to required depth.

5.0 METHOD OF MEASUREMENT: All surfaces shall be measured by the square metre, complete in place.

6.0 QUALITY ASSURANCE:

6.1. Performance Measure: All compost and seeded areas will be inspected to ensure compliance with this specification at the thirty period following the operation.

At the thirty day inspection within the seeded earth area;

The surface shall be visually intact and shall form a uniform cohesive mat.

6.2. Failure to Meet Performance Measure

If the completed work does not meet the Performance Measure after the thirty-day inspection, the areas shall be documented, and the Contractor shall be notified of those areas, and re-inspected at sixty days.

If the completed work does not meet the Performance Measure after the sixty-day inspection, the Contractor shall re-apply the specified materials in accordance with this specification within 14 calendar days of receiving the notification.

The Contractor shall maintain the site until conditions permit application or re-application of compost and seed.

All replaced compost and seed shall be subject to the Quality Assurance section of this specification.

**LandSource
Organix**

www.landsourceorganix.com

100 Britannia Road East
Hornby ON L0P 1E0

1.877.548.8558

fax 1.877.548.8559